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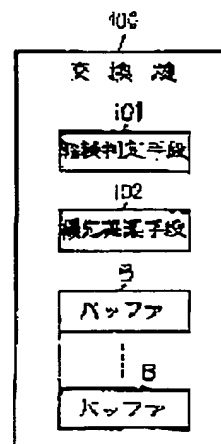
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(54) CONGESTION CONTROL SYSTEM

(57)Abstract:

PURPOSE: To minimize aborted data by eliminating congestion caused in a built-in buffer as early as possible without losing economy of an exchange applying store and exchange processing to data of a variable length with respect to the congestion control system in the exchange.

CONSTITUTION: A congestion discrimination means 101 monitors the operating state of a buffer B to discriminate the presence of congestion based on, e.g. an idle buffer number. When the congestion discrimination means 101 discriminates congestion, a priority abort means (102) aborts data with a longer data length with priority among data stored in the buffer B. Or when data include information representing importance, data to be aborted with priority are decided by taking both the information representing the importance and the data length into account.



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